IN THE CLAIMS

This listing of claims replaces all prior versions, and listings, in this application.

1-11 (Canceled)

12. (Previously Presented) A coated optical fiber comprising a cured primary coating with a modulus of less than 3 MPa at 23°C and a cured secondary coating based on a curable liquid resin composition comprising:

(a) 5-94 parts by weight of a urethane (meth)acrylate comprising a polyether backbone, at least one urethane group and at least one (meth)acrylate end group;

(b) 5-94 parts by weight of a polymerizable monomer, and;

(c) 0.01-10 parts by weight of a photoinitiator, in 100 parts by weight of the curable liquid resin composition,

wherein the cured product of the curable liquid resin composition has a glass transition temperature between 30°C to 85ºC and a stress relaxation time of 30 minutes or less.

13. (Previously Presented) The coated optical fiber of claim 12, wherein said cured product of the curable liquid resin composition has a glass transition temperature higher than 50°C.

14. (Previously Presented) The coated optical fiber of claim 12, wherein said cured product of the curable liquid resin composition has a glass transition temperature less than 75°C.

15. (Previously Presented) The coated optical fiber of claim 12, wherein said cured product of the curable liquid resin composition has a stress relaxation time of 20 minutes or less.

16. (Previously Presented) The coated optical fiber of claim 12, wherein said cured product of the curable liquid resin composition has a stress relaxation time of 10 minutes or less.

17. (Previously Presented) The coated optical fiber of claim 12, wherein said cured product of the curable liquid resin composition has a Young's modulus of between 400 and 500 MPa.

18. (Previously Presented) The coated optical fiber of claim 12, wherein said cured product of the curable liquid resin composition has a Young's modulus of between 500 and 1200 MPa.

19. (Previously Presented) The coated optical fiber of claim 12, wherein said cured product of the curable liquid resin composition has a Young's modulus of between 600 and 1000 MPa.

20. (Previously Presented) The coated optical fiber of claim 12, wherein said urethane (meth)acrylate is based on at least:

a polyether based polyol;

a diisocyanate, and;

a hydroxyl group-containing (meth) acrylate.

21. (Previously Presented) The coated optical fiber of claim 12, wherein said polyether backbone is derived from a polyether based polyol having a number average molecular weight of 300-10000,
wherein said polyether based polyol comprising repeating alkyl units containing 2 to 6 carbon atoms,
wherein at least part of these alkyl units contain an alkyl side chain of 1 to 5 carbon atoms.

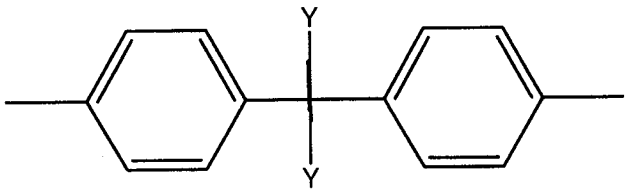
22. (Previously Presented) The coated optical fiber of claim 12, wherein said polyether backbone is derived from a polyether based polyol comprising a structural unit shown by the following formula (1)

$$-CH_2CH(C_xH_{2x+1})- \qquad (1)$$

wherein x is an integer of between 1 and 5.

23. (Previously Presented) The coated optical fiber of claim 22, wherein x in said formula (1) is 1 or 2.

24. (Previously Presented) The coated optical fiber of claim 20, wherein said polyether based polyol is a polyether diol, and wherein said polyether diol contains a structure shown by the following formula (2)



(2)

wherein Y represents a hydrogen atom or a methyl group.

25. (Previously Presented) The coated optical fiber of claim 20, wherein said polyether based polyol is a polyether diol, and wherein said polyether diol contains an alicyclic structure.